

## THE UNITED STATES PATENT AND TRADEMARK OFFICE

§ In re application of: Robert Schulz et al. Confirmation No. 3977

Serial No. 10/753,869 Group Art Unit: 1754

Filed: January 8, 2004 Examiner: Unknown

For: Method for Storing Hydrogen in an

Hybrid Form

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment **Commissioner For Patents** P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In compliance with the duty of disclosure under 37 CFR §1.56, and in accordance with the practice under 37 CFR §1.97 and §1.98, the Examiner's attention is directed to the documents listed on the enclosed modified Form PTO-1449. No inference should be made that the cited references are in fact material, are in fact prior art, or that no better art exists. The cited patents are listed in numerical order and are not in any order based on their pertinence.

The above-identified application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirement under 37 CFR 1.98 (a)(2)(i) as stated in a Pre-OG Notice dated July 11, 2003, copies of only the foreign patent documents and non-patent literature listed on the enclosed modified Form PTO-1449 are attached.

This Information Disclosure Statement is being filed within three months of the United States filing date or before the mailing date of a first Office Action on the merits. No certification or fee is required (37 CFR §1.97(b)).

Copies of the references identified in the attached modified PTO-1449 Form as Cite Nos. AB, AF, AG, AH and AI have not been provided. It is respectfully requested that the Examiner initial the box next to these references in the enclosed modified Form PTO-1449 in accordance with 37 C.F.R. § 1.98(d) since (a) these references were previously submitted in U.S. Patent Application No. 09/894,010; (b) this application relies upon U.S. Patent Application No. 09/894,010 for an earlier effective filing date under 35 U.S.C. § 120; and (c) the information disclosure statement submitted in U.S Patent Application No. 09/894,010 complied with 37 C.F.R.  $\S 1.98(a)$ -(c).

The Commissioner is hereby authorized to charge any additional fees which may be required or credit any overpayment to Deposit Account 08-1394.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Date: 5/9/05

HAYNES AND BOONE, LLP 901 Main Street, Suite 3100 Dallas, Texas 75202-3789 Telephone: 214-651-5242 Facsimile: 214-200-0853

File: 25000.15 D-1341589.1 Respectfully submitted,

Randall C. Brown

Registration No. 31,213

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

1

Complete if Known					
Application Number	10/753,869				
Filing Date	January 8, 2004				
Applicant(s)	Robert Schulz et al.				
Art Unit	1754				
Examiner Name	Unknown				
Attorney Docket Number	25000.15				

	U. S. PATENT DOCUMENTS						
Examiner's Initials	The state of the s						
	Α	3,967,465	07/06/1976	Asselman et al.			
	В	4,154,364	05/15/1979	Hagiwara et al.			
	С	4,385,726	05/31/1983	Bernauer et al.			
	D	4,389,326	06/21/1983	Tanguay et al.			
	E	4,436,539	03/13/1984	Ron et al.			
	F	4,457,136	07/03/1984	Nishizaki			
	G	4,736,779	04/12/1988	Bernauer			
	Н	4,988,580	01/29/1991	Ohsaki			
	ı	5,536,586	07/16/1996	Tsushio et al.			
	J	5,728,483	03/17/1998	Fujitani et al.			
	K	5,906,792	05/25/1999	Schulz et al.			
	L	6,015,041	01/18/2000	Heung			
	М	6,193,929	02/27/2001	Ovshinsky et al.			
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,	Р	6,332,908	12/25/2001	Lee et al.			
	Q	6,378,601	04/30/2002	Ovshinsky et al.			
	R	6,478,844	11/12/2002	Ovshinsky et al.			
	S	6,491,866	12/11/2002	Ovshinsky et al.			
	Т	6,536,487	03/25/2003	Ovshinsky et al.			

FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document (Country Code - Number - Kind)	Publication Date	Patentee or Applicant of Cited Document	Translation
	U	GB 2015142	09/05/1979	MDP Technology Limited	
	V	JP 61171998 - Abstract	02/08/1986	Sanyo Electric Co. Ltd.	Y
	W	JP 61-76887	04/19/1986	Sanyo Electric Co. Ltd.	Abstract
	Х	WO 94/12695	06/09/1994	Queen's University at Kingston	
	Υ	EP 0671357 A1	09/13/1995	Hydro-Quebec	Abstract
	Z	CA 2117158	02/16/1999	Hydro-Quebec	Abstract
	AA	JP WO03064916 - Abstract	08/07/2003	Kokan Drum Co Ltd.	Y
	AB	JP 6-293290	12/21/1994		Abstract

	NON-PATENT LITERATURE DOCUMENTS					
Examiner's	Examiner's Cite Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-issue number(s), publisher, city/country where published					
Initials						
	AC	International Search Report corresponding to International Application No. PCT/CA02/00998, dated November 8, 2002				
	AD	R. EWALD; Requirements for advanced mobile storage systems; Int. J. Hydrogen Energy, Vol. 23, No. 9, pp. 803-813, September 1, 1998				

Examiner	Date	
Signature	Considered	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

D-1341549.1 Customer No. 000027683

In place of U. S. DEPARTMENT OF COMMERCE PTO-1449 PATENT AND TRADEMARK OFFICE Form				Complete if Known	
roitti				Application Number	10/753,869
INFORMATION DISCLOSURE			SURE	Filing Date	January 8, 2004
STATEMENT BY APPLICANT				Applicant(s)	Robert Schulz et al.
	se as many sheets		- <del>-</del>	Art Unit	1754
				Examiner Name	Unknown
SHEET	2	OF	2	Attorney Docket Number	25000.15

	U. S. PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document		
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FOREIGN PATENT DOCUMENTS					
Examiner's Initials	Cite No.	Foreign Patent Document (Country Code – Number – Kind)	Publication Date	Patentee or Applicant of Cited Document	Translation Y/N
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	NON-PATENT LITERATURE DOCUMENTS					
Examiner's Initials	= 1					
	AE NOBUHIKO TAKEICHI, et al.; Hybrid hydrogen storage vessel, a novel high-pressure hydrogen storage vessel combined with hydrogen storage material; International Journal of Hydrogen Energy, Vol. 28, Issue 10, pp. 1121-1129, October 2003					
	AF Shintaro Ishiyama, Hirokazu Ugachi, Motokuni ETO, Hydrogen Energy System, Vol. 19, No. 2, 1994.					
	AG Jeary, B., Advanced Compressed hydrogen fuel storage systems, Dynetek Industries Ltd., Proceedings/Actes 10 <sup>th</sup> Can. Hydro. Conf., 5/28-31, 2000; Editors – K. Bose et al., 5/2000, pp. 279-282.					
	AH	A. R. Abele et al., "Quantum's experience – leveraging DOE funding to accelerate technology development and Commercialization of Advanced Hydrogen Storage Technologies," Technologies, NHA's 12 <sup>th</sup> Annual Hydrogen Meeting Proceedings, March 6-8, 2001, pp. 129-147.				
	Al	Fuel cell mining vehicles: an early niche market, 12 <sup>th</sup> Annual U.S. hydrogen meeting, Washington, D.C., March 6-8, 2001, Savannah Riv. Tech. Ctr., pp. 141, 149-159, 280.				

Examiner	Date	
Signature	Considered	

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